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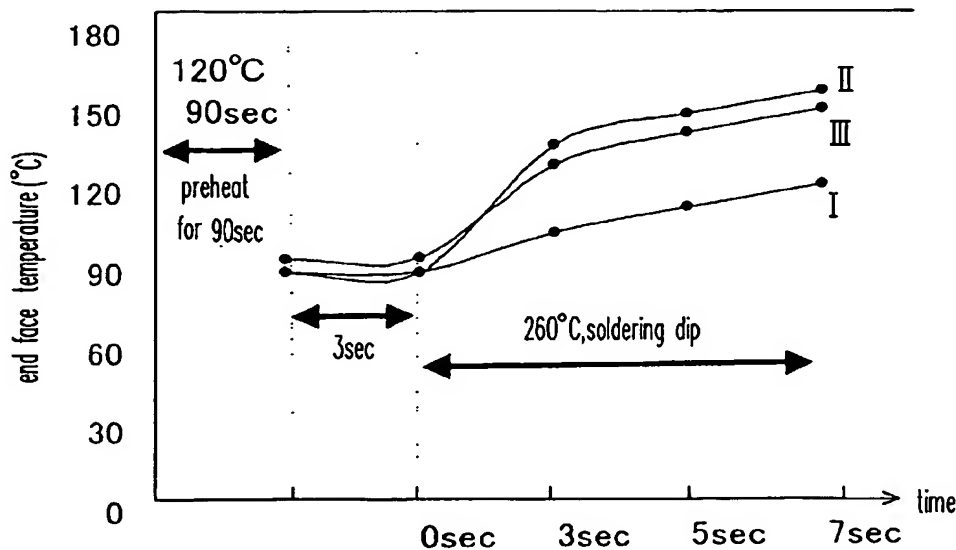
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(54) Title: LIGHTING DEVICE OF DISCHARGE LAMP, ILLUMINATION APPARATUS AND ILLUMINATION SYSTEM



(57) Abstract: A lighting device for a lamp device is provided. The lighting device includes a circuit board and film capacitors packaged on the circuit board by using leadless flow solders. Each film capacitor comprises polypropylene films and lead wires, and a material of the lead wires has a thermal conductivity lower than a thermal conductivity of copper, and terminals and internal materials of the film capacitors are leadless. A diameter of the lead wires is 0.6~ (mm) or less, a cross-sectional area is 35mm<sup>2</sup> or less, and a temperature at a terminal end of the lead wires in the film capacitors during a soldering process is 130°C or less.



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